

H6

OIPF

RAW SEQUENCE LISTING

DATE: 11/20/2001

PATENT APPLICATION: US/09/943,983

TIME: 11:31:23

Input Set : N:\Crif3\RULE60\09943983.txt

Output Set: N:\CRF3\11202001\I943983.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: STUYVER, LIEVEN

7 LOUWAGIE, JOOST

8 ROSSAU, RUDI

10 (ii) TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED

11 MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE

13 (iii) NUMBER OF SEQUENCES: 164

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: ARNOLD, WHITE & DURKEE

17 (B) STREET: P.O. BOX 4433

18 (C) CITY: HOUSTON

19 (D) STATE: TEXAS

20 (E) COUNTRY: USA

21 (F) ZIP: 77210-4433

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk

25 (B) COMPUTER: IBM PC compatible

26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

27 (D) SOFTWARE: Microsoft Word 6.0 / ASCII text output

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/09/943,983

C--> 31 (B) FILING DATE: 31-Aug-2001

41 (vii) PRIOR APPLICATION DATA:

34 (A) APPLICATION NUMBER: 08/913,833

35 (B) FILING DATE: 1997-09-15

38 (A) APPLICATION NUMBER: EP 96870005.4

39 (B) FILING DATE: 26 Jan 1996

42 (A) APPLICATION NUMBER: EP 96870081.5

43 (B) FILING DATE: 25 Jun 1996

45 (viii) ATTORNEY/AGENT INFORMATION:

46 (A) NAME: KAMMERER, PATRICIA A.

47 (B) REGISTRATION NUMBER: 29,775

48 (C) REFERENCE/DOCKET NUMBER: INNS:008

50 (2) INFORMATION FOR SEQ ID NO: 1:

52 (i) SEQUENCE CHARACTERISTICS:

53 (A) LENGTH: 15 base pairs

54 (B) TYPE: nucleic acid

55 (C) STRANDEDNESS: single

56 (D) TOPOLOGY: linear

58 (ii) MOLECULE TYPE: DNA (genomic)

60 (iii) HYPOTHETICAL: NO

62 (iv) ANTI-SENSE: NO

67 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

69 AGAAATGGAA AAGGA

15

71 (2) INFORMATION FOR SEQ ID NO: 2:

73 (i) SEQUENCE CHARACTERISTICS:

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74      (A) LENGTH: 15 base pairs
75      (B) TYPE: nucleic acid
76      (C) STRANDEDNESS: single
77      (D) TOPOLOGY: linear
79      (ii) MOLECULE TYPE: DNA (genomic)
81      (iii) HYPOTHETICAL: NO
83      (iv) ANTI-SENSE: NO
88      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
90 TGTACAGAAA TGGAA                                     15
92 (2) INFORMATION FOR SEQ ID NO: 3:
94      (i) SEQUENCE CHARACTERISTICS:
95          (A) LENGTH: 15 base pairs
96          (B) TYPE: nucleic acid
97          (C) STRANDEDNESS: single
98          (D) TOPOLOGY: linear
100     (ii) MOLECULE TYPE: DNA (genomic)
102     (iii) HYPOTHETICAL: NO
104     (iv) ANTI-SENSE: NO
109     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
111 AAATGGAAAA GGAAG                                     15
113 (2) INFORMATION FOR SEQ ID NO: 4:
115     (i) SEQUENCE CHARACTERISTICS:
116         (A) LENGTH: 14 base pairs
117         (B) TYPE: nucleic acid
118         (C) STRANDEDNESS: single
119         (D) TOPOLOGY: linear
121     (ii) MOLECULE TYPE: DNA (genomic)
123     (iii) HYPOTHETICAL: NO
125     (iv) ANTI-SENSE: NO
130     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
132 TACAGAGATG GAAA                                     14
134 (2) INFORMATION FOR SEQ ID NO: 5:
136     (i) SEQUENCE CHARACTERISTICS:
137         (A) LENGTH: 15 base pairs
138         (B) TYPE: nucleic acid
139         (C) STRANDEDNESS: single
140         (D) TOPOLOGY: linear
142     (ii) MOLECULE TYPE: DNA (genomic)
144     (iii) HYPOTHETICAL: NO
146     (iv) ANTI-SENSE: NO
151     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
153 GTACAGAGAT GGAAA                                     15
155 (2) INFORMATION FOR SEQ ID NO: 6:
157     (i) SEQUENCE CHARACTERISTICS:
158         (A) LENGTH: 15 base pairs
159         (B) TYPE: nucleic acid
160         (C) STRANDEDNESS: single
161         (D) TOPOLOGY: linear
163     (ii) MOLECULE TYPE: DNA (genomic)

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165 (iii) HYPOTHETICAL: NO
167 (iv) ANTI-SENSE: NO
172 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
174 AGAGATGGAA AAAGA 15
176 (2) INFORMATION FOR SEQ ID NO: 7:
178 (i) SEQUENCE CHARACTERISTICS:
179 (A) LENGTH: 15 base pairs
180 (B) TYPE: nucleic acid
181 (C) STRANDEDNESS: single
182 (D) TOPOLOGY: linear
184 (ii) MOLECULE TYPE: DNA (genomic)
186 (iii) HYPOTHETICAL: NO
188 (iv) ANTI-SENSE: NO
193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
195 AGAAATGGAG AAGGA 15
197 (2) INFORMATION FOR SEQ ID NO: 8:
199 (i) SEQUENCE CHARACTERISTICS:
200 (A) LENGTH: 14 base pairs
201 (B) TYPE: nucleic acid
202 (C) STRANDEDNESS: single
203 (D) TOPOLOGY: linear
205 (ii) MOLECULE TYPE: DNA (genomic)
207 (iii) HYPOTHETICAL: NO
209 (iv) ANTI-SENSE: NO
214 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
216 ACAGAGATGG AAAA 14
218 (2) INFORMATION FOR SEQ ID NO: 9:
220 (i) SEQUENCE CHARACTERISTICS:
221 (A) LENGTH: 14 base pairs
222 (B) TYPE: nucleic acid
223 (C) STRANDEDNESS: single
224 (D) TOPOLOGY: linear
226 (ii) MOLECULE TYPE: DNA (genomic)
228 (iii) HYPOTHETICAL: NO
230 (iv) ANTI-SENSE: NO
235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
237 GTACAGAGAT GGAA 14
239 (2) INFORMATION FOR SEQ ID NO: 10:
241 (i) SEQUENCE CHARACTERISTICS:
242 (A) LENGTH: 14 base pairs
243 (B) TYPE: nucleic acid
244 (C) STRANDEDNESS: single
245 (D) TOPOLOGY: linear
247 (ii) MOLECULE TYPE: DNA (genomic)
249 (iii) HYPOTHETICAL: NO
251 (iv) ANTI-SENSE: NO
256 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
258 CAGAGATGGA AAAG 14
260 (2) INFORMATION FOR SEQ ID NO: 11:

RAW SEQUENCE LISTING
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262      (i) SEQUENCE CHARACTERISTICS:
263          (A) LENGTH: 15 base pairs
264          (B) TYPE: nucleic acid
265          (C) STRANDEDNESS: single
266          (D) TOPOLOGY: linear
268      (ii) MOLECULE TYPE: DNA (genomic)
270      (iii) HYPOTHETICAL: NO
272      (iv) ANTI-SENSE: NO
277      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
279 AGAAATGGAA AAAGA                                     15
281 (2) INFORMATION FOR SEQ ID NO: 12:
283      (i) SEQUENCE CHARACTERISTICS:
284          (A) LENGTH: 14 base pairs
285          (B) TYPE: nucleic acid
286          (C) STRANDEDNESS: single
287          (D) TOPOLOGY: linear
289      (ii) MOLECULE TYPE: DNA (genomic)
291      (iii) HYPOTHETICAL: NO
293      (iv) ANTI-SENSE: NO
298      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
300 GAAATGGAAA AAGA                                     14
302 (2) INFORMATION FOR SEQ ID NO: 13:
304      (i) SEQUENCE CHARACTERISTICS:
305          (A) LENGTH: 16 base pairs
306          (B) TYPE: nucleic acid
307          (C) STRANDEDNESS: single
308          (D) TOPOLOGY: linear
310      (ii) MOLECULE TYPE: DNA (genomic)
312      (iii) HYPOTHETICAL: NO
314      (iv) ANTI-SENSE: NO
319      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
321 CAGAAATGGA AAAAGA                                   16
323 (2) INFORMATION FOR SEQ ID NO: 14:
325      (i) SEQUENCE CHARACTERISTICS:
326          (A) LENGTH: 16 base pairs
327          (B) TYPE: nucleic acid
328          (C) STRANDEDNESS: single
329          (D) TOPOLOGY: linear
331      (ii) MOLECULE TYPE: DNA (genomic)
333      (iii) HYPOTHETICAL: NO
335      (iv) ANTI-SENSE: NO
340      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
342 AGAAATGGAA AAAGAA                                   16
344 (2) INFORMATION FOR SEQ ID NO: 15:
346      (i) SEQUENCE CHARACTERISTICS:
347          (A) LENGTH: 15 base pairs
348          (B) TYPE: nucleic acid
349          (C) STRANDEDNESS: single
350          (D) TOPOLOGY: linear

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352      (ii) MOLECULE TYPE: DNA (genomic)
354      (iii) HYPOTHETICAL: NO
356      (iv) ANTI-SENSE: NO
361      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
363 AGAATTGGAA AAGGA                                     15
365 (2) INFORMATION FOR SEQ ID NO: 16:
367      (i) SEQUENCE CHARACTERISTICS:
368          (A) LENGTH: 15 base pairs
369          (B) TYPE: nucleic acid
370          (C) STRANDEDNESS: single
371          (D) TOPOLOGY: linear
373      (ii) MOLECULE TYPE: DNA (genomic)
375      (iii) HYPOTHETICAL: NO
377      (iv) ANTI-SENSE: NO
382      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
384 AGAGTTGGAA AAGGA                                     15
386 (2) INFORMATION FOR SEQ ID NO: 17:
388      (i) SEQUENCE CHARACTERISTICS:
389          (A) LENGTH: 14 base pairs
390          (B) TYPE: nucleic acid
391          (C) STRANDEDNESS: single
392          (D) TOPOLOGY: linear
394      (ii) MOLECULE TYPE: DNA (genomic)
396      (iii) HYPOTHETICAL: NO
398      (iv) ANTI-SENSE: NO
403      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
405 AGAGCTGGAA AAGG                                     14
407 (2) INFORMATION FOR SEQ ID NO: 18:
409      (i) SEQUENCE CHARACTERISTICS:
410          (A) LENGTH: 14 base pairs
411          (B) TYPE: nucleic acid
412          (C) STRANDEDNESS: single
413          (D) TOPOLOGY: linear
415      (ii) MOLECULE TYPE: DNA (genomic)
417      (iii) HYPOTHETICAL: NO
419      (iv) ANTI-SENSE: NO
424      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
426 AGAACTGGAA AAGG                                     14
428 (2) INFORMATION FOR SEQ ID NO: 19:
430      (i) SEQUENCE CHARACTERISTICS:
431          (A) LENGTH: 13 base pairs
432          (B) TYPE: nucleic acid
433          (C) STRANDEDNESS: single
434          (D) TOPOLOGY: linear
436      (ii) MOLECULE TYPE: DNA (genomic)
438      (iii) HYPOTHETICAL: NO
440      (iv) ANTI-SENSE: NO
445      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
447 GAGCTGGAAA AGG                                     13

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/943,983

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TIME: 11:31:24

Input Set : N:\Crf3\RULE60\09943983.txt

Output Set: N:\CRF3\11202001\I943983.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]